

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	1980	(418/54,57,61.1,61.3).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/05 01:11
L4	91	(418/130).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/05 01:12
L5	1415	(418/160-170).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/05 01:13
L6	178	5 and (intake.ab. or suction.ab. or inlet.ab.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/05 01:14
L7	2	5 and (intake.ab. or suction.ab. or inlet.ab.) and ((intake or suction or inlet) with flex\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/05 01:15
L8	3591	(418/259-269).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/05 01:17
L9	260	(418/59).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/05 01:20
L10	39063	("418").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/05 01:23
L11	0	10 AND terminal.clm. and intake.clm. and pipe.clm. and axis.clm. and gap.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/05 01:24

L12	3	10 AND terminal.clm. and intake.clm. and pipe.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/05 01:24
S1	251	(418/241).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/03/23 11:00
S2	4	S1 and spring and seal and (oring or o-ring or "o ring")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/14 14:53
S3	1892	(418/54,57,61.1,61.3).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/03/14 14:53
S4	96	S3 and spring and (seal or sealing) and (oring or o-ring or "o ring")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/14 15:50
S5	118	(hermetic with compressor) and spring and (seal or sealing) and (oring or "o-ring" or "o ring")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/14 15:50
S6	1459	(418/62,63,64,66,67).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/03/14 15:50
S7	16	S6 and spring and (seal or sealing) and (oring or o-ring or "o ring")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/14 15:55
S8	679	(418/91,157,159).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/03/14 15:55
S9	12	S8 and spring and (seal or sealing) and (oring or o-ring or "o ring")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/14 16:32

S10	91	(418/130).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/03/14 16:31
S11	0	S10 and spring and (seal or sealing) and (oring or o-ring or "o ring")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/14 16:32
S12	2918	(277/606,608,609,618-619,370,377,404).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/03/26 14:45
S13	2918	277/606.CCLS. OR 277/608. CCLS. OR 277/609.CCLS. OR 277/618-619.CCLS. OR 277/370. CCLS. OR 277/377.CCLS. OR 277/404.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/23 11:02
S14	76	S12 AND ((SEALED OR HERMETIC) WITH (COMPRESSOR OR PUMP))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/23 13:37
S15	6	(S12 AND ((SEALED OR HERMETIC) WITH (COMPRESSOR OR PUMP))) not shaft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/23 13:41
S16	48	(S12 AND ((SEALED OR HERMETIC) WITH (COMPRESSOR OR PUMP))) not shaft.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/23 14:36
S17	183	S12 and (intake or suction or inlet) and (tube or conduit or pipe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/23 14:48
S18	7267	hermetic with compressor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 10:05
S19	3581	(hermetic with compressor).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 10:05

S20	3235	S19 and compressor.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 10:06
S21	34	S20 and spring and ("o ring" or "o-ring" or oring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 11:16
S22	26	("2839898"   "3133429"   "3238400"   "3790309"   "3922114"   "4059777"   "4312627"   "4396361"   "4477233"   "4552518"   "4573324"   "4741177"   "4850816"   "4995791"   "5322420"   "5350039"   "5464332"   "5623829"   "5687766"   "6131406").PN. OR ("6634870").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 12:54
S23	8	("3009012"   "4104484"   "4420210"   "4904551"   "5118260"   "5215451"   "5422437").PN. OR ("5791884").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 13:29
S24	17	("2043849"   "3509907"   "4988269"   "5147189"   "5302087"   "5346373"   "5362216").PN. OR ("5733108").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 13:31
S25	29	("2214086"   "2373909"   "2973011"   "3031861"   "3209991"   "3401602"   "3515497"   "3542405"   "3767334"   "3806977"   "3870440"   "3871800"   "4129503"   "4160625"   "4240774"   "4245858"   "4277211"   "4518324"   "4518330").PN. OR ("4639198").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 13:36
S26	23	("1647447"   "1961453"   "3767334"   "3833984"   "3870440"   "3871800"   "4061367"   "Re25653").PN. OR ("4240774").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 13:56
S27	152	(compressor and ((suction or intake) with (seal or sealing))).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 13:58

S28	20	("3352564"   "3396903"   "3509907"   "4115044"   "4203608"   "4385872"   "4408967"   "4537566"   "4635949"   "4721443"   "4810591").PN. OR ("5022833").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 14:16
S29	2918	(277/606,608,609,618-619,370,377,404).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/03/26 14:47
S30	0	S29 and (face and (inlet or suction or intake) and (tube or pipe or conduit)).ab. and ((("o-ring" or "oring" or "o ring") with groove with face)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 14:48
S31	2	S29 and (face and (inlet or suction or intake) and (tube or pipe or conduit)) and ((("o-ring" or "oring" or "o ring") with groove with face)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 14:50
S32	7	S29 and ((("o-ring" or "oring" or "o ring") with groove with face with (tube or pipe or conduit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 15:15
S33	7	(S29 and ((("o-ring" or "oring" or "o ring") with groove with face with (tube or pipe or conduit))) not S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 14:52
S34	24	("0329931"   "0944423"   "1523817"   "3224080"   "3586350"   "3831951"   "3981066"   "4073307"   "4258925"   "4519636"   "4886303"   "5087504").PN. OR ("5564177").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 14:52
S35	20	("1460623"   "2885227"   "3184247"   "3765647").PN. OR ("3831951").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 14:56
S36	30	("2778598"   "2861773"   "2925994"   "3050077"   "3054594"   "3131906"   "3210042"   "3421733"   "3565392"   "3618893").PN. OR ("3765647").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 14:59
S37	21	("0329931"   "1523817"   "3586350"   "3831951"   "4258925"   "4519636"   "4886303"   "5087504").PN. OR ("5490680").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 15:04

S38	5	S29 and (seal with face with (tube or pipe or conduit) with spring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 15:16
S39	7	S29 and (seal with face with (tube or pipe or conduit or "air shaft" or "ventilating shaft" or duct) with spring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 15:20
S40	2	(S29 and (seal with face with (tube or pipe or conduit or "air shaft" or "ventilating shaft" or duct) with spring)) not S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 15:21
S41	116	(S29 and (seal with face with (tube or pipe or conduit or "air shaft" or "ventilating shaft" or duct))) not S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 15:22
S42	47	(S29 and (seal with face with (tube or pipe or conduit or "air shaft" or "ventilating shaft" or duct)) and spring) not S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 15:23
S43	10	("4684004"   "5054743"   "5163722"   "5222631"   "5419013"   "5848780"   "5960841"   "5993412").PN. OR ("6129361").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 15:27
S44	17	("1528334"   "2818285"   "2992842"   "3033579"   "3080170").PN. OR ("4786061").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 15:31
S45	26	("2839898"   "3133429"   "3238400"   "3790309"   "3922114"   "4059777"   "4312627"   "4396361"   "4477233"   "4552518"   "4573324"   "4741177"   "4850816"   "4995791"   "5322420"   "5350039"   "5464332"   "5623829"   "5687766"   "6131406").PN. OR ("6634870").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 16:02
S46	10	("2867458"   "2997435"   "3469862"   "3488067"   "3850796").PN. OR ("4055199").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 17:06
S47	375	"418".clas. and compressor and hermetic and spring	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 17:33

S48	19	compressor and (intake with metal with (seal or "o ring" or "o-ring"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/27 08:42
S49	41202	(metal and seal).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/27 08:43
S50	30	(metal and seal).ab. and compressor and intake	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/27 08:46
S51	15	(metal with ("o-ring" or "o ring" or seal) with (intake or inlet or duct)) and compressor.ab. and shaft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/27 08:48
S52	830	"277".clas. and ((metal or metallic) with ("o ring" or "o-ring" or seal) with (benefit or advantage or improved or better or characteristic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/27 12:31
S53	82	"277".clas. and ((metal or metallic) with ("o ring" or "o-ring" or seal) with (benefit or advantage or improved or better or characteristic)) and compressor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/27 12:32
S54	50	"418".clas. and ("scroll compressor" with (expander or generator))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/20 14:33
S55	6	"418".clas. and ("scroll compressor" with (expander or generator) with hermetic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/20 14:35
S56	67	"418".clas. and ("scroll compressor" with rotat\$3 with (expand\$3 or generat\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/20 14:37
S57	6	"418".clas. and ("scroll compressor" with rotat\$3 with (expand\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/20 14:39

S58	:0	"418".clas. and ("scroll compressor" with rotat\$3 with motor with generator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/20 14:40
S59	:1	"418".clas. and ("scroll compressor" with rotat\$3 with generator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/20 14:42
S60	:7	"418".clas. and ("scroll compressor" near4 (used or utilized) near4 (generator or expander))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/20 14:47
S61	:1	"418".clas. and "scroll generator"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/20 14:47
S62	:2	("5720602").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/05/20 07:31
S63	:0	"scroll compressor" .ab. and (springs same vibrat\$5 same (shell or housing or container))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/20 07:45
S64	:11	scroll.ab. and (springs same vibrat\$5 same (shell or housing or container))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/20 07:45
S65	:63	"scroll compressor" .ab. and (springs with (shell or housing or container))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/20 07:47
S66	:2	("6761239").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/05/20 09:16
S67	:2	("backpressure" with bad with exhaust)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/20 09:17

S68	51	("backpressure" with need\$3 with exhaust)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/20 09:18
S69	12	("2239262"   "4817374"   "4860538"   "4896504"   "4939898"   "4999999"   "5630571"   "6371236"   "6425451"   "6655134").PN. OR ("6761239").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 09:31
S70	12	("2239262"   "4817374"   "4860538"   "4896504"   "4939898"   "4999999"   "5630571"   "6371236"   "6425451"   "6655134").PN. OR ("6761239").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 09:46
S71	0	"backpressure" with "pulsation effect"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 09:48
S72	2	"back pressure" with "pulsation effect"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 09:48
S73	422	"pulsation effect"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 09:57
S74	5	"pulsation effect" same "back pressure"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 09:57
S75	0	"pulsation effect" same "backpressure"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 09:57
S76	22	S73 and ("engine speed" with pressure)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 10:01
S77	7	S73 and (( "engine speed" with pressure) same puls\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 10:02

1/5/2009 1:24:29 AM

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